

# Product datasheet

Specifications



## Multi9 - C60 UL489 - MCB - 2P - 8 A - C Curve - 480Y/277 V - 10 kA - ring term

MGN61384

! Discontinued

! Discontinued on: 21 Mar 2019

! End-of-service on: 31 May 2021

### Main

Range	Multi9
Product name	Multi9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60 UL489
Device application	Distribution
poles description	2P
Number of protected poles	2
[In] rated current	8 A at 25 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA AIR at 480Y/277 V AC conforming to UL 489 10 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5.2 10 kA Icu at 480Y/277 V AC conforming to EN/IEC 60947-2 10 kA Icu at 480Y/277 V AC conforming to GB 14048.2
Suitability for isolation	Yes conforming to EN/IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	480Y/277 V AC
Magnetic tripping limit	8.5 x In +/- 20 % AC
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
local signalling	ON/OFF indication
mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	141 mm

<b>Width</b>	36 mm
<b>Depth</b>	68.7 mm
<b>Net weight</b>	0.22 kg
<b>Colour</b>	Grey
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Provision for padlocking</b>	Padlockable
<b>Connections - terminals</b>	Ring terminal (top or bottom)
<b>Tightening torque</b>	2 N.m top or bottom

## Environment

<b>Standards</b>	GB 14048.2 EN/IEC 60947-2 UL 489 CSA C22.2 No 5
<b>Product certifications</b>	CSA CCC IEC UL
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	3 conforming to EN/IEC 60947-2
<b>Overvoltage category</b>	IV
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-30...70 °C
<b>ambient air temperature for storage</b>	-40...80 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.501 cm
<b>Package 1 Width</b>	1.801 cm
<b>Package 1 Length</b>	14.1 cm
<b>Package 1 Weight</b>	312.979 g

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

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RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Product

## Certifications & Standards

**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins